Title (en)

TETRAETHER LIPID DERIVATIVES AND LIPOSOMES AND LIPID AGGLOMERATES CONTAINING TETRAETHERLIPID DERIVATIVES, AND USE THEREOF

Title (de)

TETRAETHERLIPIDDERIVATE UND TETRAETHERLIPIDDERIVATE ENTHALTENDE LIPOSOMEN UND LIPIDAGGLOMERATE SOWIE DEREN VERWENDUNG

Title (fr)

DERIVES DE TETRAETHERLIPIDES, LIPOSOMES CONTENANT DES DERIVES DE TETRAETHERLIPIDES ET AGGLOMERATS DE LIPIDIQUES AINSI QUE LEUR UTILISATION

Publication

EP 1005466 A1 20000607 (DE)

Application

EP 98946380 A 19980819

Priority

- DE 19736592 A 19970822
- EP 9805264 W 19980819

Abstract (en)

[origin: DE19736592A1] Macrocyclic tetraether lipid derivatives (I) and liposomes or liposome aggregates containing (I) are new. Tetraether lipid derivatives of formula (I), consisting of a 72-membered macrocyclic dibiphytanyl-diethyl-tetraether ring derivatized by two substituted carbamoyl groups, and derivatives of (I) modified by the formation of 'pentacycles' in the tetraether structure, are new. S1,S2 = -CONH-X1-N(R1)n-X2-Y; Y = NR2R3 or -N<+>R4R5R6; X1,X2 = 2-20C alkylene or alkenylene; R1-R6 = H or alkyl, alkenyl, aralkyl or aryl (all of up to 12C); or one of R1-R6 = antibody against cell surface molecules or ligand for cell surface receptors; n = 0-10. Independent claims are included for liposomes and lipid aggregates containing at least one compound (I), optionally together with a nucleic acid molecule.

IPC 1-7

C07D 323/00; A61K 9/127

IPC 8 full level

A61K 9/127 (2006.01); **A61K 48/00** (2006.01); **C07D 323/00** (2006.01); **C12N 15/88** (2006.01)

CPC (source: EP)

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DE 19736592 A1 19990225; **DE 19736592 C2 20020124**; AU 9344398 A 19990316; CA 2269502 A1 19990304; CA 2269502 C 20030729; EP 1005466 A1 20000607; WO 9910337 A1 19990304

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